

Notice of Allowability

Application No.

09/772,203

Examiner

Angelica M. Perez

Applicant(s)

HAMELEERS ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed on 06/24/2004.
2. ☒ The allowed claim(s) is/are 1,3-11,14,15 and 17.
3. ☒ The drawings filed on 01/29/2001 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

Reasons for Allowance

1. Claims 1, 3-11, 14-15 and 17 are allowed.

The following is an examiner's statement of reasons for allowance:

Regarding claim 1, the prior art teaches of a method for data connections in a cellular mobile communication network having at least one core network and at least one access network, the method comprising the steps of; receiving a connection request in a first control node of the core network from a first access network; transferring of a call control from the first control node to a gateway control node interacting with a home location register that manages subscriber data of a called party, fetching of routing information by the gateway control node from said home location register, transferring of the call control from the gateway control node to a control node that controls the access network serving the called party; seizing first payload transmission resources by the first control node; seizing second payload transmission resources by the control node controlling the access network serving the called party; calculating parameter values describing possible payload connections between the core network and the access networks, as defined by the seized first and second payload transmission resources; selecting a transcoding technique and a data rate of the payload in the respective payload transmission resources; according to the results of the comparison; and setting up and through-connecting the selected payload transmission resources.

However, the prior art does not teach of **comparing the parameter values describing possible payload connections between the core network and the first access network, with parameter values of possible payload connections between the core network and the access network servicing the called party.**

Regarding claim 17, the prior art teaches of a core network control node for a cellular communication network having at least one core network and at least one access network, the core network control node comprising: means for receiving a connection request from a first access network, means for seizing first payload transmission resources between the core network and the first access network; means for transferring call control functions from the core network control node to a gateway control node that fetches routing information for a called party from a home location register, and transfers the call control functions to an access network control node that controls a second access network that serves the called party, where the access network control node seizes second payload transmission resources between the core network and the second access network; and a processing unit for handling input and output of parameter values, seizure of payload transmission resources, and setup and through-connection of a payload connection.

The prior art does not teach of a connection calculation unit that **calculates parameter values describing possible payload connections between the core network and the first access network**, as defined by the seized first payload transmission resources; a parameter comparison unit that **compares the calculated**

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parameter values with parameter values received from the access network control node.

Claims 3-11 and 14-15 are dependent upon claim 1; therefore, the examiner gives the same reasons for allowance as discussed in claim 1.

Comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


Conclusion

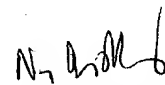
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Angelica Perez whose telephone number is 703-305-8724. The examiner can normally be reached on 7:15 a.m. - 3:55 p.m., Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nay Maung can be reached on 703-305-8724. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9314 for regular communications and for After Final communications.

Information regarding Patent Application Information Retrieval (PAIR) system can be found at 866-217-9197 (toll-free).

Inquiry of a general nature or relating to the status of this application or proceeding should be directed to the TC 2600's customer service number is 703-306-0377.


Angelica Perez
(Examiner)


NAY MAUNG
SUPERVISORY PATENT EXAMINER

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October 26, 2004